



YOUR INSIGHTS, AT SCALE, IN TIME

Your one stop platform. From images to insights



Picterra combines deep learning with human expertise to help you extract structured insights from Earth observation imagery.

Our AI platform is designed to help you process a large volume of aerial or satellite images, detect objects and trends, and monitor change over any area or period of interest enabling you to unlock key insights all from your desk with just a few clicks.

Gather your own geospatial intelligence. Gain competitive advantage and a new perspective on the world.

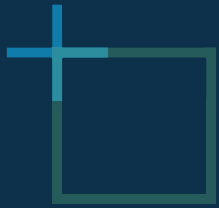
PARTNERS

BOOST YOUR GEOSPATIAL ANALYTICS IN NO TIME

AI-powered insight extraction from satellite and aerial imagery.



AI that works for you. We provide a powerful all-in-one AI feature-extraction, classification, and change detection solution. This makes your work easier by streamlining your geospatial analytic processes and producing higher quality results.



PLUG & PLAY AI DETECTORS

Upload your data, run a detector, visualize the results, run analytics, export your data, share your insights. All with just a few clicks.



Building Detector



Vehicle Detector



Ship Detector



Train Detector



Airplane Detector



Land Use Detector



Solar Panel Detector



Container Detector



Road Detector



Tree Detector



Cattle Detector



Missing Vine Detector





ACCURATE & READY TO USE INSIGHTS FROM IMAGES

All from the same platform, with just a few clicks

We help you find the right earth observation data sources, and provide you with machine-learning powered tools to transform raw image data into structured data and meaningful insights at a speed, scale and accuracy level that only our AI platform can guarantee.

- + Find the right data for your needs
- + Define your own detection workflow
- + Extract information and insights

ACCESS THE RIGHT DATA

You know what you need to track, we help you identify the right data source to meet your analytic needs.



UPLOAD YOUR IMAGES

Upload your own images and orthomosaics (Geotiff, PNG, JPEG), generated with your preferred photogrammetry software, e.g. Pix4D, Agisoft or DroneDeploy.



IMPORT SATELLITE IMAGES

Access free and paid up-to-date satellite images of anywhere in the world, in 4 different channels (RGB, False Colors, NDVI, EVI) in a few clicks



MAP SERVER IMPORT

[Coming soon] Quickly import your image collection or mapping projects from an OGC compliant Map Server (WMS/WMT)





Object Detector
Resolution (min.) 30cm

Ship Detector



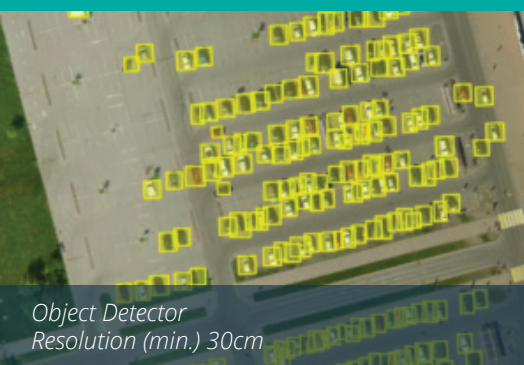
Object Detector
Resolution (min.) 30cm

Train Detector



Object Detector
Resolution (min.) 30cm

Airplane Detector



Object Detector
Resolution (min.) 30cm

Vehicle Detector



Object Detector
Resolution (min.) 30cm

Building Detector



Object Detector
Resolution (min.) 30cm

Land Use Detector

BUILD YOUR OWN DETECTION WORKFLOW

Use machine-learning powered annotation tools to speed up your manual annotation process, use one of our built-in object detectors or build your own custom object detector and quickly find all the objects you are interested in.



AI POWERED ANNOTATION TOOLKIT

Draw polygons or pick a geometric figure, import vector files, categorize your annotations. Highlight, measure & count objects and add contextual information. The Smart focus speeds up the process, detecting and displaying similar objects for you.



TAP INTO A LIBRARY OF DETECTORS

Pick one of the built-in detectors listed in our ever growing library, and let AI detect and classify objects in your images. We bring in new detectors based on major user's needs or directly co-created with them.



BUILD YOUR OWN DETECTOR

Create a custom detector from your own labels and annotations. Outline a few examples of your objects of interest and let the interactive detector builder guide you through the training of your custom AI model.



By 2020
\$140 billion
in the Drone
economy



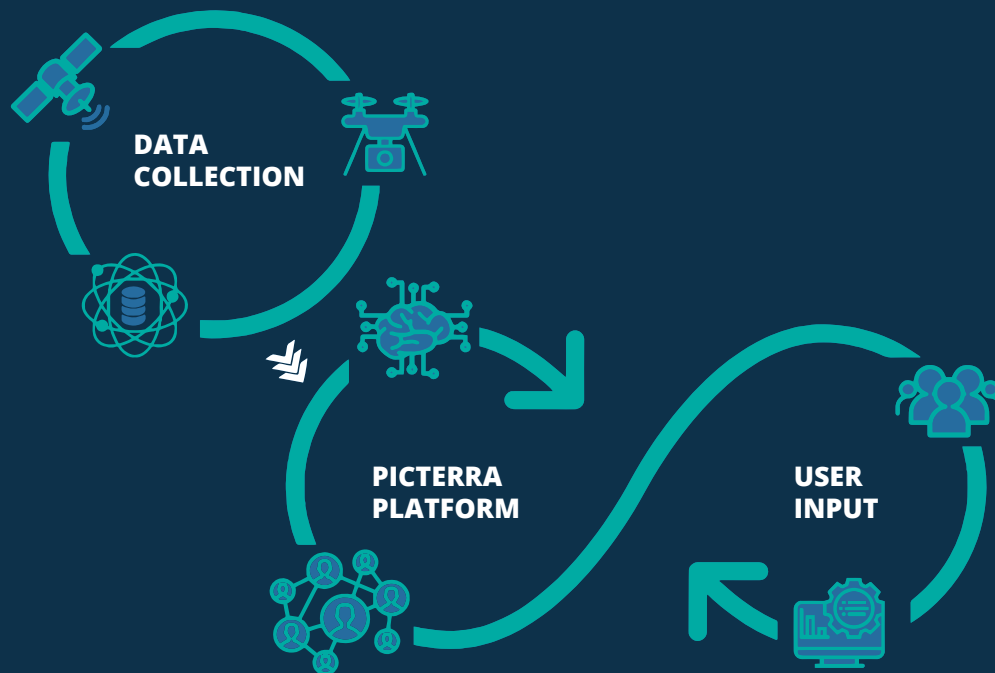
By 2020
6000 Satellites in Orbit

CREATE YOUR OWN AI-BASED ANALYTICS



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geospatial
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ACTIVE LEARNING



FASTER INSIGHTS



CUSTOMIZED ANALYTICS

EXTRACT & DELIVER INSIGHTS

Run analytics, visualize statistics, export structured data, and share your insights



YOUR STATISTICS AT GLANCE

Visually capture everything there is to know about your data. Object counts, surfaces and proportions are automatically displayed as graphs.



EXPORT YOUR STRUCTURED DATA

Export your annotations and detections as geolocated data, in a range of popular formats (KML, GeoJSON, Shapefile)



SHARE YOUR PROJECT

Get a URL link and share your project and your insights with your team and your clients, allowing them to visualize your imagery, annotations and stats.

